

Title (en)  
NOVEL SALTS OF METFORMIN AND METHOD

Title (de)  
NEUE METFORMIN SALZE UND VERFAHREN

Title (fr)  
SELS DE METFORMINE ET PROCEDE

Publication  
**EP 1039890 B1 20040317 (EN)**

Application  
**EP 98960437 A 19981201**

Priority  
• US 9825104 W 19981201  
• US 98658697 A 19971208

Abstract (en)  
[origin: WO9929314A1] Novel salts of the antidiabetic agent metformin are provided which are metformin salts of dibasic acids (2:1 molar ratio), preferably metformin (2:1) fumarate and metformin (2:1) succinate, which may be employed alone or in combination with another antihyperglycemic agent such as glyburide, for treating diabetes. A method for treating diabetes employing the novel metformin salt by itself or in combination with another antidiabetic agent is also provided.

IPC 1-7  
**C07C 279/26**; **A61K 31/155**; **C07C 55/10**

IPC 8 full level  
**A61K 9/20** (2006.01); **A61K 9/48** (2006.01); **A61K 31/155** (2006.01); **A61K 31/18** (2006.01); **A61K 31/4965** (2006.01); **A61K 45/06** (2006.01); **A61P 3/10** (2006.01); **C07C 279/26** (2006.01)

CPC (source: EP US)  
**A61P 3/10** (2017.12 - EP); **C07C 279/26** (2013.01 - EP US)

Cited by  
WO2009144527A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9929314 A1 19990617**; AR 017819 A1 20011024; AT E261935 T1 20040415; AU 1602699 A 19990628; AU 738804 B2 20010927; CA 2312990 A1 19990617; CA 2312990 C 20080429; DE 69822505 D1 20040422; DE 69822505 T2 20050120; EP 1039890 A1 20001004; EP 1039890 A4 20010404; EP 1039890 B1 20040317; ES 2216335 T3 20041016; JP 2001525361 A 20011211; JP 4278863 B2 20090617; US 6031004 A 20000229; ZA 9811124 B 20000605

DOCDB simple family (application)  
**US 9825104 W 19981201**; AR P980106198 A 19981207; AT 98960437 T 19981201; AU 1602699 A 19981201; CA 2312990 A 19981201; DE 69822505 T 19981201; EP 98960437 A 19981201; ES 98960437 T 19981201; JP 2000523985 A 19981201; US 26252699 A 19990304; ZA 9811124 A 19981204